|             |   | ISS                | UING CLA                          |   |   |          |          |   |         |  |  |  |  |  |  |
|-------------|---|--------------------|-----------------------------------|---|---|----------|----------|---|---------|--|--|--|--|--|--|
| ORI         | GINAL                                     | CROSS REFERENCE(S) |                                   |   |   |          |          |   |         |  |  |  |  |  |  |
| CLASS       | SUBCLASS                                  | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |   |   |          |          |   |         |  |  |  |  |  |  |
|             |   |                    |                                   |   |   | İ        | -        | İ |         |  |  |  |  |  |  |
| INTERN      | NATIONAL                                  |                    |                                   | · |   |          |          |   | 1,1     |  |  |  |  |  |  |
|             | FICATION                                  |                    |                                   |   |   |          |          |   |         |  |  |  |  |  |  |
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|             | / Continued on Issue Slip Inside File Jac |                    |                                   |   |   |          |          |   |         |  |  |  |  |  |  |
| <del></del> | Onlanted Observed                         |                    | INDEX OF                          |   | S |          |          |   |         |  |  |  |  |  |  |

| Ł     |  | INDEX OF CLAIMS |          |          |                   |          |            |          |           |          |              |      |          |          |              |              |                 |          |                      |            |                |              |  |           |           |          |              |                |              |              |              |  |  |          |               |
|-------|--|-----------------|----------|----------|-------------------|----------|------------|----------|-----------|----------|--------------|------|----------|----------|--------------|--------------|-----------------|----------|----------------------|------------|----------------|--------------|--|-----------|-----------|----------|--------------|----------------|--------------|--------------|--------------|--|--|----------|---------------|
| ٠.    |  | _               |          |          |                   |          |            | _        | _         |          |              |      |          |          | H            | ND           | EX              | OF       | CL                   | Ą١         | us             |              |  |           | -1-       |          |              |                |              |              |              |  |  |          |               |
|       | <ul> <li>✓Rejected - (Through</li> <li>=Allowed +</li> </ul> |                 |          |          |                   |          |            |          |           |          |              |      |          | ••••     | Inte         | -exe<br>rfen |                 | Ô        | ^ Appeal  D Objected |            |                |              |  |           |           |          |              |                |              |              |              |  |  |          |               |
| 6     | lai  | m               | Date     |          |                   |          | Claim      |          |           |          |              |      |          | Date     |              |              |                 |          |                      | Claim      |                |              |  | Date Date |           |          |              |                |              |              |              |  |  |          |               |
| ۲     | т  |                 | 2        | 7        | 12                |          | ň          | ٦        | П         |          | Г            |      |          | _        |              |              |                 | -        |                      | Ī          |                |              | Г  | 1         | _         |          |              |                |              |              |              | Г  |  | L.       |               |
| 1_    | ľ  | griginal        |          | _        |                   |          |            |          |           |          |              | ١,   | L        | Original |              |              |                 |          |                      |            |                | ŀ            |  | ı         |           | Original |              |                |              |              | l            | 1  | -  |          |               |
| Final | ŀ  | Ē               | צי       | 28       | 35                |          |            |          |           | . !      |              | l I  | Final    | ž        |              |              | i               |          |                      |            |                | l            | ١.   | ı         | <u>ڇ</u>  | ਣ        |              |                |              | . n          | i            | 1  |  |          |               |
| Ľ     | 4  | 1               | 22       | 2        | $\mathcal{O}_{i}$ | _        |            |          | Щ         | Ш        | L            |      | 1        | ·        | Щ            | Ш            | Щ               | _        |                      | lacksquare | $\sqcup$       | L            | <u> </u>   | 1         | F         | 101      | _            | Щ              |              |              | ⊢            | ⊢  | ⊢  | _        | Н             |
| L     | ¥  | 1               | Μ/       | М        | У                 |          |            |          |           |          | Ш            | i    | L        | 51       |              | _            |                 |          |                      | _          | _              |              | ⊢  | ł         | ┝         | 101      | _            |                | -            | -            | <b>-</b>     | -7   | -<br>  | بيا      | 2000          |
| L     | 4  | 2               | V        | М        | 4                 | Ш        | Ш          |          |           |          | Н            |      | L.       | 52       | Н            | Ш            | Ш               |          |                      |            |                | <u> </u>     | ļ  | 1         | H         | 103      | -            |                |              | H            |              | L  |  | 7.       |               |
|       | 4  | 3               | 4        | 4        | И                 |          |            |          | Щ         |          | Ш            |      | _        | 53       | Щ            | Щ            | Щ               | -        | ш                    | ш          | _              | <u> </u>     | ⊢  | ł         | <u> </u>  | 103      | H            | Н              | -            | -            | Н            | Н  |  |          | Н             |
| L     | 4  | 4               | V        | -4       | 4                 | Щ        | Ш          |          |           | ·        |              | l    | L        | 54       | Н            | Ш            | Н               |          | Н                    | -          |                | <u> </u>     |  | ł         | <u> </u>  | 105      | <u> </u>     | <u> </u>       |              | $\vdash$     | -            | H  | Н  | .3       | Н             |
| L     | 4  | 5               | У        | 12       | $\mathbf{V}$      |          | $\Box$     |          | Щ         | Ļ        |              | li   | L.       | 55<br>58 | Н            | Н            | Н               | $\dashv$ |                      | _          |                | -            | ⊢  | ł         | ⊢         | 106      | Н            | Н              |              | -            | ⊢            | Н  | $\vdash$   | Н        | Н             |
| ┡     | 4  | 6<br>7          | ¥        | 7        | $\leq$            | Щ        |            | _        |           | <u> </u> |              |      | ⊢        | 57       | Н            | Н            |                 | -        |                      | -          |                | _            | ⊢  | 1         | ┝         | 107      | Н            | Н              | Н            | $\vdash$     |              | H  | Н  |          | Н             |
| -     | 4  |                 | Μ        | 1        | У                 |          | Щ          | -        | Į.        | Н        | Н            | ١. ا | ┡        | 58       | Н            | -            |                 |          | -                    | _          |                |              | -  | ł         | Η,        | 108      | -            | -              | H            | ┝            | ÷            | -  | Н  | 34       | 42            |
| ŀ     | _,   | ۶               | 2        | 1        | 14                | $\vdash$ |            | -        | $\dot{-}$ | Ľ        | H            |      | ┝        | 59       | -            |              |                 | $\dashv$ |                      | _          | Н              | _            | ┢  | 1         | ⊢         | 109      |              | Н              | -            | Η-           | - 2          | $\vdash$   | ., 4   |          | -             |
| _  _  | _  | 9               | 2        | 7        | $ \lor $          | -        |            |          | -         | H        | _            |      | $\vdash$ | 60       | Н            | Н            | $\vdash$        |          | -                    | _          |                | _            | <u> </u>   | ł         |           | 110      | H            | Н              |              | 40.0         | -            |  | er.  | 4        | Н             |
| L     | - 1  | 10              | V        | ĮΨ       | 7                 |          | _          | _        |           | 4        | Н            |      | $\vdash$ | 61       | Н            | Н            |                 | _        | _                    | -          |                |              | $\vdash$   |           | <u> </u>  | 111      | ÷            |                | Н            | H            |              | 4  | er<br>n  |          | $\vdash$      |
| Ĺ     | _  | 11              | Μ,       | М        | Y                 | Ш        |            |          | Н         | H        | Н            |      | H        | 62       | Н            | H            |                 |          | $\vdash$             |            |                | -            | $\vdash$   | 1         | -         | 112      | -            |                | H            | Н            | $\vdash$     | H  |  | Н        | H             |
| -     | _1   | 12              | ν,       | μď       |                   | Н        | $\vdash$   |          | Н         | Н        | Н            |      | -        | 63       | Н            | Н            | $\vdash$        |          | $\vdash$             | Н          | +              |              | <del>                                     </del> |           | ├         | 113      | $\vdash$     | $\vdash$       | Н            |              | Н            | <b>-</b>   | Н  | H        | Н             |
| - ↓   |  | 13              | ¥        | 14       | 4                 | Н        | Щ          | -        | Н         | Н        | Щ            |      | H        | 64       | Н            | Н            | Н               |          | -                    | Н          | H              |              | -  | 1         | ⊢         | 114      | H            | $\vdash$       | Н            | Н            | -            | -  | Н  | Н        | -7            |
| ٦Ľ    | _  | <u> </u>        | V        | Н        | 4                 | -        | _          | -        | Н         |          | Н            |      | _        | 65       | -            | _            | -               |          | -                    | Н          | $\dashv$       |              | -  |           | ⊢         | 115      | Н            | -              | - 3          |              | Н            | Н  | . 14   |          | Н             |
| ŀ     |  | 15              | Σ        | Y        | Ŋ,                | Ш        |            | -        | Н         | _        | Н            | 1    | <u> </u> | 66       | $\dashv$     |              | _               |          | Н                    |            | -              |              | -  | Ť         | ├         | 116      | Н            | $\vdash$       | -            | H            | $\vdash$     | H  |  | Н        | Н             |
| , L   | _  | 16              | 2        | 14       | $\checkmark$      |          | _          | -        | Н         |          | Н            | ŀ    |          | 67       | -            | -            | -               |          | $\dashv$             | -          |                | -            | $\vdash$   | 1         | ⊢         | 117      | Н            | _              | Н            | ├            |              | Н  | Н  |          | Н             |
| ┡     | _  | 17              | V,       | $\vee$   | Ý                 |          |            | $\dashv$ | Щ         | _        | Н            |      | _        | 68       |              | $\dashv$     |                 |          | $\dashv$             | -          | Н              | _            | -  | ,         | -         | 118      | Н            | $\vdash$       | Н            | <u> </u>     | H            | Н  | $\vdash$   | Н        | $\overline{}$ |
| ·     |  | 18              | 4        | 14       | ٧                 |          | _          | _        | Щ         | Щ        | Н            |      | _        | 69       |              |              | -               |          | $\vdash$             | $\vdash$   |                | _            | -  |           |           | 119      | Н            |                | -            | $\vdash$     | Н            | Н  | H  | Н        | Н             |
| L     |  | 10.             | M        | У,       | У                 |          |            | _        |           | Щ        | Н            |      |          | 70       | $\dashv$     |              |                 |          | _                    |            | Н              |              |  |           | ├         | 120      | Н            | $\blacksquare$ |              | H            | Н            | $\vdash$   | Н  | Н        | Н             |
| Ľ     |  |                 | <u>य</u> | ₹        | И                 | Ш        |            | _        | Щ         | Щ        | Ш            |      |          | 71       | -            | _            | _               | _        |                      | Talka.     | ш              |              | ├-   |           | ┡         | 121      | Н            |                |              | -            | Н            | Н  |  | Н        | 1             |
| L     |  | 21              | ╙        | Ш        | Ш                 |          |            |          |           |          | Ш            |      | <u> </u> |          | _            |              |                 | _        | _                    |            |                |              | ├  |           | ⊢         | 122      |              | -              | Н            |              | Н            | Н  | Н  | Н        | Н             |
| L     | _  | 22              | L        | Ш        | Ш                 |          |            | _        |           | _        | Ш            | ١.,  |          | 72       | Щ            | _            |                 | _        | _                    | ш          | $\blacksquare$ |              | ┞  |           | ⊢         | 123      |              | Н              |              |              | H            | Н  | $\vdash$   | Н        | Н             |
| Ŀ     | _  | 23              | <u> </u> | Щ        | Щ                 | Ш        | Ц          | _        |           |          | _            |      | <u> </u> | 73<br>74 |              |              | _               | _        |                      | _          |                |              | <u> </u>   | 1         | ├         | 124      | Н            | $\vdash$       | _            | $\vdash$     | -            | Н  | Н  | Н        | Н             |
| L     |  | 24              | <u> </u> | Щ        | Щ                 | ш        | _          | _        |           | $\vdash$ | Щ            | li   | <u> </u> |          | $\dashv$     |              | Н               |          |                      |            | _              |              |  |           | <b> -</b> | 125      | Н            | Н              | -            | Н            | -            | $\vdash$   | $\vdash$   | Н        | Н             |
| L     | _  | 25              | _        | Ш        | Ш                 |          | Щ          |          |           | L        |              | ٠.   | <u> </u> | 75       | Щ            | Щ            | -               |          |                      |            |                |              | ⊢  |           | <u> </u>  | 126      | Н            | Н              | -            | -            | Н            | Н  | Н  | Н        | Н             |
| L     |  | 26              | ╙        | Li       |                   | _        | Ш          |          |           |          |              |      | <u> </u> | 76<br>77 | -            | Щ            | _               |          |                      | Щ          |                |              | ├  | ł         | ├-        | 127      | نط           |                | $\vdash$     | Н            | Ė            | -  | Н  | Н        | Н             |
| L     | _  | 27              | L        | L        |                   | Щ        | $\Box$     | _        | _         |          | Ш            | 1    | <u> </u> | 78       | Н            | Щ            | _               |          |                      |            |                |              | L  | ł         | ├—        | 128      | <u> </u>     | Н              | Н            |              | $\vdash$     | Н  | $\vdash$   | Н        | Н             |
| L     | L  | 28              | L        | L        | ببل               | Ш        |            |          |           | <u> </u> | Щ            |      | <u> </u> | 79       |              | щ            | Н               | ႕        |                      |            |                |              | ⊢  | ļ         | ├—        | 129      | $\vdash$     | $\vdash$       | H            |              | Н            | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$      |
| L     |  | 29              | <u> </u> | L.       | Ш                 |          | Н          |          |           | <u> </u> | Н            |      | <u> </u> | 80       |              | L            |                 |          | $\vdash$             | _          |                | ļ            | ├-   | ļ         | ⊢         | 130      | H            | Н              | Ь.           |              | Н            | $\vdash$   | Н  | Н        | Н             |
| L     |  | 30              | L        | L.       | Щ                 | Ш        | Ш          | Щ        |           | <u> </u> | L            |      | <u> </u> |          | Щ            | $\vdash$     | Щ               | _        | $\vdash$             | _          |                | ļ            | ⊢  | ł         |           | 131      | _            | Н              | _            | ┝            | H            | ┝┈   | Н  | Н        | Н             |
| L     | _  | 31              | <u> </u> | $\vdash$ | H                 | Щ        | Ш          |          | Щ         | <u> </u> | $\vdash$     |      | <u> </u> | 81<br>82 | Н            | H            | Щ               | -        | Ш                    |            | Ш              | <u> </u>     | ⊢  | 1         | <u> </u>  | 132      | $\vdash$     | Н              | Н            | -            | ⊢            | ⊢  | Н  | $\vdash$ | $\vdash$      |
| L     | _1   | 32              | _        | $\vdash$ | Щ                 | Ш        | Щ          | $\vdash$ | Щ         | <u> </u> | <b>—</b>     |      | ┞        | 83       | Н            | H            | -               | _        | Н                    | Ш          |                | $\vdash$     | $\vdash$   | ł         | $\vdash$  | 133      | ├            | Н              | Н            |              | ⊢            | ├  | $\vdash$   | $\vdash$ | $\vdash$      |
| F     | _  | 33              | ⊢        | ⊢        | $\vdash$          | Н        | <u> </u>   | Щ        | Ш         | ⊢        | ⊢            |      | ⊢        | 84       | Н            | $\vdash$     | Ь—              | _        | H                    | <u> </u>   | H              | $\vdash$     | -  | ł         | $\vdash$  | 134      | $\vdash$     | H              | -            | $\vdash$     | $\vdash$     | ⊢  | $\vdash$   | $\vdash$ | Н             |
| -     |  | 34<br>35        | <u> </u> | ⊢        | $\vdash$          | ├        | Н          | Н        | Н         | $\vdash$ | ├            |      | $\vdash$ | 85       | $\vdash$     | H            | -               |          | $\vdash$             | H          | Н              | -            | ╁  | ł         | $\vdash$  | 135      | $\vdash$     | Н              | Н            | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$   | Н        | Н             |
| F     | 4  | 35<br>36        | $\vdash$ | $\vdash$ | $\vdash$          | $\vdash$ | Щ          | Н        | Н         | $\vdash$ | -            |      | ⊢        | 86       | -            | H            | $\vdash$        | _        | $\vdash$             | H          | $\vdash$       |              |  | 1         | ├-        | 136      | $\vdash$     | H              | -            | $\vdash$     | ┝            | $\vdash$   | $\vdash$   | $\vdash$ | Н             |
| F     | 4  | 36<br>37        | -        | ⊢        | ├-                |          | Н          | Н        | Щ         | -        | $\vdash$     |      | ⊢        | 87       | $\vdash$     | H            | $\vdash \vdash$ | $\vdash$ | Н                    | <b></b> -  | ├              | -            | $\vdash$   | 1         | $\vdash$  | 137      | -            | ┝┈┥            | Н            | $\vdash$     | <del> </del> | $\vdash$   | ┰  | $\vdash$ | Н             |
| -     | 4  |                 | 1        | ₩        | $\vdash$          | -        | Н          | Н        | <u> </u>  | -        | -            |      | H        | 88       | H            | H            | <u> </u>        | -        | $\vdash \vdash$      |            | <b>-</b>       | <u> </u>     | $\vdash$   | 1         | $\vdash$  | 138      | -            | $\vdash$       | $\vdash$     | ⊢            | $\vdash$     | $\vdash$   | ⊢  | $\vdash$ | Н             |
| -     | 4  | 38              | ⊢        | $\vdash$ | $\vdash$          |          | L          | $\vdash$ | <u> </u>  | _        | $\vdash$     |      | <u> </u> | 89       | H            | H            | $\vdash$        | _        | $\vdash$             | <u> </u>   | <u> </u>       | $\vdash$     | $\vdash$   | 1         | $\vdash$  | 139      | <del>-</del> |                | $\vdash$     | ├            | ⊢            | $\vdash$   | ऻ  | $\vdash$ | Н             |
| H     | 4  | 39<br>40        | ⊢        | -        | $\vdash$          | <b>.</b> | $\vdash$   | $\vdash$ | ⊢         | -        | ŀ            | 1    | $\vdash$ | 90       | <u> </u>     | ⊢            | ├               | $\vdash$ | $\vdash$             |            | <b> </b>       | $\vdash$     | ├  | 1         | ⊢         | 140      | ├            | <u> </u>       | $\vdash$     | -            | ⊢            | ╁  | ├  | Н        | Н             |
| Ļ     | 4  | _               | _        | ┡        | <b>!</b>          |          | <u> </u>   | H        | -         | $\vdash$ | $\vdash$     | ł    | <u> </u> |          | ⊢            | ⊢            | -               | _        | Н                    |            | ├-             | $\vdash$     | ⊢  | 1         | $\vdash$  | 141      | ├—           | $\vdash$       | $\vdash$     | -            | ├-           | $\vdash$   | <del>                                     </del> | ┰        | Н             |
| ŀ     |  | 41              |          | ⊢        | L                 | L        | <u> </u>   | ļ.,      | -         | $\vdash$ | -            | 1    | -        | 91<br>92 | L            | $\vdash$     | <u> </u>        | -        | $\vdash$             | ├          |                | H            | $\vdash$   | 1         | $\vdash$  | 142      | ├            | $\vdash$       | $\vdash$     |              | -            | $\vdash$   | $\vdash$   | ╁┈       | Н             |
| -     | _  | 42              |          | ┡        | ┞-                | $\vdash$ | _          | <u> </u> | <u> </u>  | ⊢        | $\vdash$     | 1    | <u> </u> | 93       | $\vdash$     | <del> </del> | $\vdash$        | ļ        | $\vdash$             | ├-         | -              |              | ⊢  | -         | $\vdash$  | 143      |              | $\vdash$       | <del> </del> | <del> </del> | ⊢            | ⊢  | $\vdash$   | ┰        | Н             |
| ŀ     | -  | 43              |          | 1        | ├-                |          |            | ├-       | $\vdash$  | ⊢        | ⊢            | 1    | <u> </u> |          | ⊢            | $\vdash$     | -               |          | -                    | ├-         |                | -            | ⊢  | 1         | ⊣         | 144      |              | $\vdash$       | ⊢            | $\vdash$     | ├            | ⊢  | ├  | ╁╌       | Н             |
| ŀ     | 4  | 44<br>45        |          |          | 1                 | <b> </b> | $\vdash$   | $\vdash$ | $\vdash$  | $\vdash$ |              | 1    | H        | 94<br>95 | -            | ⊢            | <del> </del>    | ⊢        | ├                    | ├-         | -              | ⊢            | +-   | 1         | $\vdash$  | 145      | L            |                | -            | ╁            | $\vdash$     | ┼  | ⊢  | ╁╌       | $\vdash$      |
| Ļ     | _  |                 |          | ╀-       | ⊢                 | <b>├</b> | $\vdash$   | $\vdash$ | <b>⊢</b>  | ├-       | <del> </del> | 1    | $\vdash$ |          | -            | $\vdash$     | -               | ├—       | $\vdash$             | <u> </u>   | $\vdash$       | <del> </del> | +-   | 1         | -         | 146      |              | 1              | ⊢            | <del> </del> | ⊢            | ₩  | $\vdash$   | +-       | ┢╌┤           |
| H     | _  | 46              |          | ╄        | ┡                 | ┺        | $\vdash$   | ⊢        |           | -        | ⊢            | 1    | $\vdash$ | 96<br>97 | ⊢            | ⊢            | Н—              | $\vdash$ | -                    | ├-         |                |              | 1-   | ł         | -         | 147      | 1.           | ├-             | $\vdash$     |              | +-           | +-   | ┼  | $\vdash$ | Н             |
| 1     | _  | 47              | _        | ⊢        | L                 | -        | <b> </b> - | <b>L</b> | ├-        | ⊢        | ╀            | 1    | $\vdash$ |          | -            | -            | <del> </del>    | <u> </u> | ⊢                    | ⊢          | <u> </u>       | ⊢            | ⊢  | -         | -         | 148      |              | -              | ⊢            | ╀╌           | ⊢            | ₩  | <del>  -</del>                                   | ┼        | Н             |
| -     | _  | 48              |          | ╁-       | 1                 | ـ        | ├-         | $\vdash$ | $\vdash$  | ⊢        |              | 1    | <b> </b> | 98       | <del> </del> | -            | -               | -        | ⊢                    | ⊢          | ⊢              | $\vdash$     | ┼-   | -         | -         | 149      |              | ├-             | $\vdash$     | ╀╌           | $\vdash$     | ╁  | ┼  | ┼        | H             |
| Ļ     | _  | 49              |          | ╄-       | ╀                 |          | ⊢          | ⊢        | ⊢         | ╀        | ╄            | 4    | -        | 99       | 1            | ⊢            | ↓               | <b> </b> | ₩                    | ↓          | $\vdash$       | <del> </del> | ╁-   | 4         | $\vdash$  |          |              | ├-             | ⊢            | ╂            | +-           | $\vdash$   | +-   | +-       | ┥             |
| - 1   |  | 50              | 1        | 1        | 1                 | 1        | l          | ١.       | 1         | 1        | 1            | 1    | 1        | 100      | 1            | 1            | 1               | l        | l                    | 1          | 1              | 1            | 1  | 1         | 1         | 150      |              | L_             | 1            | <b>L</b> _   | 1_           | 1_   |  |          | L             |